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Form 3160-3
(March 2012)

FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

EMNRD-OCDA RTESIA

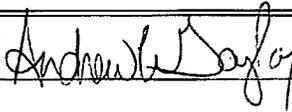
APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM 013413A
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator MEWBOURNE OIL COMPANY		7. If Unit or CA Agreement, Name and No.
3a. Address PO Box 5270 Hobbs NM 88240	3b. Phone No. (include area code) (575)393-5905	8. Lease Name and Well No. OXBOW 23/24 B2MP FED COM #1Y
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface NWNW / 290 FNL / 365 FWL / LAT 32.1073397 / LONG -104.0653166 At proposed prod. zone SESE / 660 FSL / 100 FEL / LAT 32.1100109 / LONG -104.0324891		9. API Well No. 30-015-46751
14. Distance in miles and direction from nearest town or post office* 20 miles		10. Field and Pool, or Exploratory WILLOW LAKE; BONE SPRING
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 208 feet		11. Sec., T. R. M. or Blk. and Survey or Area SEC 26 / T25S / R28E / NMP
16. No. of acres in lease 1280		12. County or Parish EDDY
17. Spacing Unit dedicated to this well 241.2		13. State NM
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 50 feet		20. BLM/BIA Bond No. on file FED: NM1693
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 2955 feet		22. Approximate date work will start* 02/28/2020
		23. Estimated duration 60 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

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| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan. | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) Andy Taylor / Ph: (575)393-5905	Date 02/13/2020
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Title Regulatory	
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Approved by (Signature)	Name (Printed/Typed)	Date
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Title	Office
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Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

*(Instructions on page 2)

RWP 2-24-2020

Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well Oxbow 23-24 B2MP Fed Com #1HY
Company:	Mewbourne Oil Company	TVD Reference:	RKB=28' @ 2983.00usft (Patterson 564)
Project:	Eddy Co., NM (NAD 83)	MD Reference:	RKB=28' @ 2983.00usft (Patterson 564)
Site:	Oxbow 23-24	North Reference:	Grid
Well:	Oxbow 23-24 B2MP Fed Com #1HY	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #1		

Planned Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
18,000.00	89.09	89.71	8,418.44	995.19	9,498.04	9,549.84	0.00	0.00	0.00	
18,100.00	89.09	89.71	8,420.03	995.68	9,598.03	9,649.39	0.00	0.00	0.00	
18,200.00	89.09	89.71	8,421.62	996.18	9,698.01	9,748.95	0.00	0.00	0.00	
18,300.00	89.09	89.71	8,423.21	996.68	9,798.00	9,848.50	0.00	0.00	0.00	
18,400.00	89.09	89.71	8,424.80	997.18	9,897.99	9,948.06	0.00	0.00	0.00	
18,500.00	89.09	89.71	8,426.40	997.68	9,997.97	10,047.62	0.00	0.00	0.00	
18,600.00	89.09	89.71	8,427.99	998.18	10,097.96	10,147.17	0.00	0.00	0.00	
18,663.65	89.09	89.71	8,429.00	998.50	10,161.60	10,210.54	0.00	0.00	0.00	
TD at 18663.65										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
Oxbow 23-24 #1HY BB I - plan hits target center - Point	0.00	0.00	7,791.60	945.94	-359.94	403,835.74	623,962.76	32.109943	-104.066472	
Oxbow 23-24 #1HY PBF - plan hits target center - Point	0.00	0.00	8,429.00	998.50	10,161.60	403,888.30	634,484.30	32.110011	-104.032489	

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment	
		+N/-S (usft)	+E/-W (usft)		
600.00	600.00	0.00	0.00	Build 2°/100'	
1,035.00	1,033.33	16.48	-28.55	200' Hold	
1,235.00	1,231.03	31.61	-54.75	Turn 2°/100'	
1,549.16	1,541.88	66.17	-82.49	5885' Hold	
7,433.41	7,358.51	914.54	-350.04	Drop 2°/100'	
7,868.17	7,791.60	945.94	-359.94	Build 12°/100'	
8,610.57	8,269.00	948.29	109.92	10053' Hold	
18,663.65	8,429.00	998.50	10,161.60	TD at 18663.65	